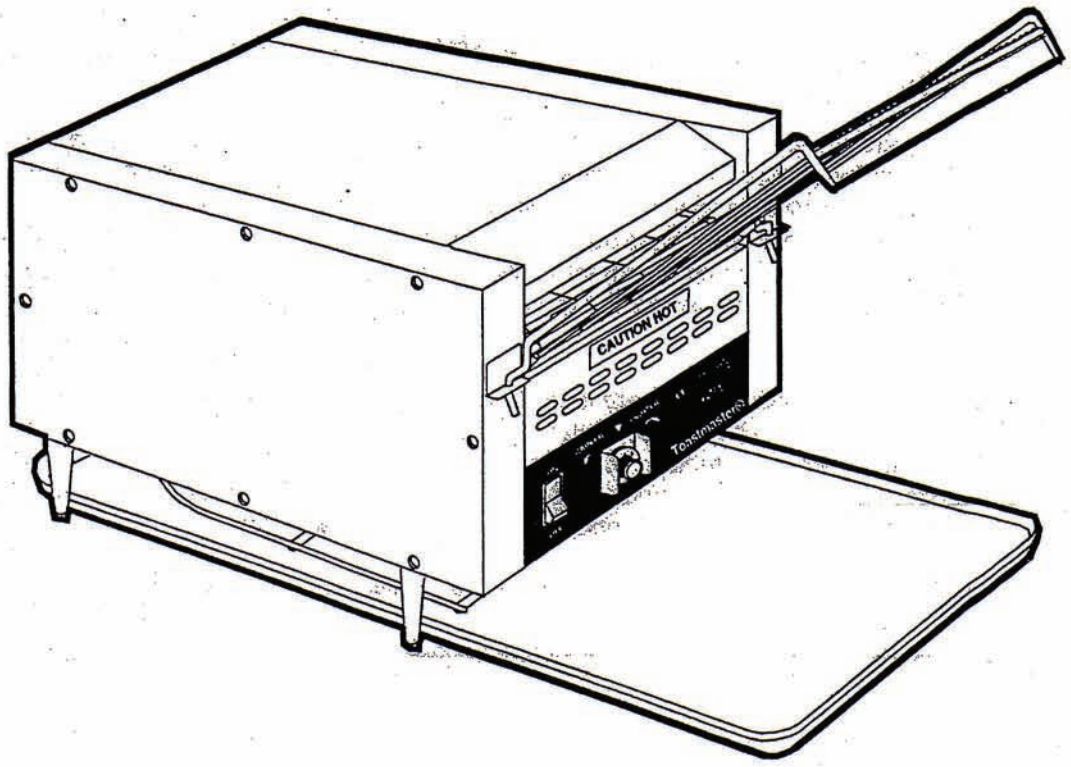
Toastmaster®

OWNER'S OPERATING
& INSTALLATION
MANUAL

CONVEYOR TOASTERS

Models TB208, TB240, TW208 & TW240



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2M-30858
3/10/2010

Toastmaster®

MODELS TB208, TB240,TW208 & TW240
TOASTER LIMITED WARRANTY

All equipment manufactured by Toastmaster Commercial which is sold under the "Toastmaster" trademark and used for commercial purposes is warranted against defects in materials and workmanship. The warranty runs for one year (see exception*) from the date of original installation or 18 months from the original date of purchase, and is for the benefit of the original purchaser only. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR PURPOSE ARE EXCLUDED. Seller shall in no event be liable for direct, indirect or consequential damages in connection with Toastmaster Commercial products.

Seller's obligation under this warranty is limited to the repair of defects without charge, by a factory authorized service agency or one of its sub-service agencies. Such repair service will be provided on customer's premises except in the case of portable products.

Models that are considered portable (devices with cord and plugs except conveyor toasters) must be taken or shipped to the closest authorized service agency, transportation charges prepaid.

This warranty is not effective if damage occurs because of accident, carelessness, improper installation, lack of proper set-up supervision when required; or, because equipment is installed on a different voltage, steam or gas service then designated on the equipment nameplate; or, if the equipment is installed or operated in any manner contrary to the installation and operation instructions. In these cases, repairs will be made at a reasonable cost. Work performed by unauthorized personnel or service agencies voids this warranty.

Authorized service agencies are located in principal cities throughout the United States. This warranty is valid in the 50 United States and is void elsewhere. Please consult your classified telephone directory, your food service equipment distributor, or write the Factory Service Department, **Toastmaster®**, 1400 Toastmaster Drive, Elgin, Illinois 60120, for information and other details concerning service of this warranty.

***NOTE:** Exceptions - Model SS2, Sink Sanitizer warranty runs 90 days.

IN CASE OF FIRE

De-energize toaster at disconnect switch. This will cut off power to the heating elements allowing toaster to cool. This reduces the temperature making it easier to stop the fire.

CAUTION:

Do not attempt to fight a grease fire by pointing the nozzle of the fire extinguisher directly on the burning grease. The force will cause the burning grease to be sprayed to adjoining equipment making it difficult to contain the fire. Only use a fire extinguisher filled with CO_2 which is for liquids and oils and suitable for electric powered equipment.

WARNING

DO NOT pick up the toaster by sticking fingers into toaster entrance and exit openings and grasping the heating elements. Damage to the heating elements and electrical shock can result.

RETAIN THIS MANUAL FOR FUTURE REFERENCE

This manual provides detailed information for installation and operation of your new Toaster. It also contains some information to assist the operator in diagnosing problems in the event of a malfunction. This manual is an important tool for the operator and should be kept readily available.

FOR YOUR SAFETY

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS OR LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE

NOTICE

Using any parts other than genuine Toastmaster factory supplied parts relieves the manufacturer of all liability.

NOTICE

Toastmaster (Manufacturer) reserves the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.

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SECTION 1
DESCRIPTION

Toastmaster Model TB208, TB240, TW208 and TW240 Toasters are:

- Conveyor toasters.
- Equipped with an entry rack used to feed product into toaster.
- Equipped with an internal slide out crumb tray.
- Equipped with an exit rack and a return crumb tray.

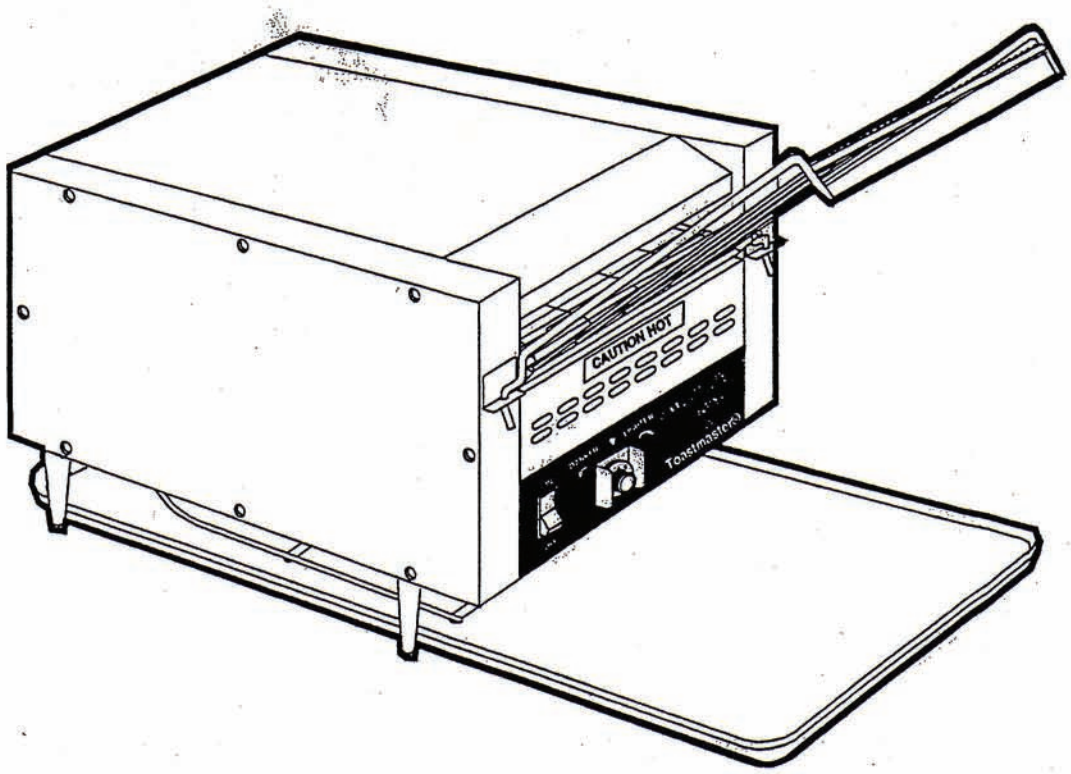

Figure 1-1
Conveyor Toaster

A. Component Location

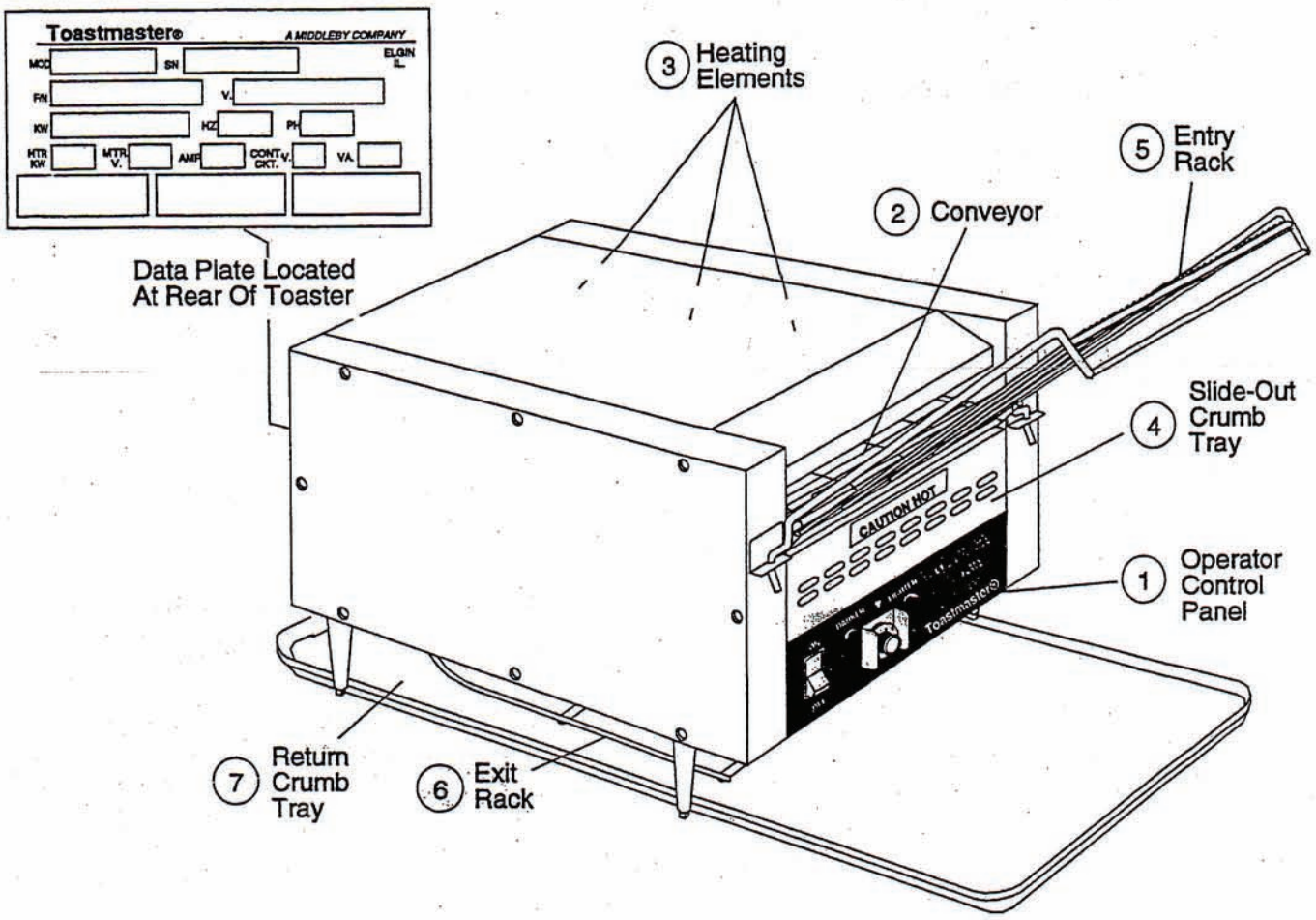

Figure 1-2
Component Location

B. Component Function

1. Operator Control Panel (Refer to Operation Section 3)
2. Conveyor
   The conveyor transports the product through the toaster and between the top and bottom heating elements. The conveyor is driven by its own motor.
3. Heating Elements
   There are three heating elements above the conveyor and one heating element below the conveyor.
4. Slide-Out Crumb Tray
   The slide-out crumb tray located below the conveyor to collect crumbs from the product being toasted.
5. Entry Rack
   The entry rack is loaded with the product to be toasted and the product then slides onto the conveyor.
6. Exit Rack
   The exit rack receives the toasted product from the conveyor and delivers it forward underneath the toaster.
7. Return Crumb Tray
   The return crumb tray located below the exit rack to collect crumbs from the toasted product.

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C. Toaster Specifications:

SPECIFICATION CHART	Model TB208 & TW208	Model TB240 & TW240
Overall Dimensions: Width Depth (Includes 2-1/4" Back Guard) Height (Includes 4" Legs)	16-1/2" (419mm) x 24" (610mm) x 16-1/8" (410mm)	16-1/2" (419mm) x 24" (610mm) x 16-1/8" (410mm)
Toasting Chamber Dimensions: Width Length Height of Opening	11-1/2" (292mm) x 15" (381mm) x 1-5/8" (41mm)	11-1/2" (292mm) x 15" (381mm) x 1-5/8" (41mm)
Approximate Net Weight	51 lbs (23 kg)	51 lbs (23 kg)
Approximate Shipping Weight	56 lbs (25 kg)	56 lbs (25 kg)
Construction	Formed & Welded Sheet Steel	
Finish	Stainless Steel	
Cord	4 ft. (1.22 m)	4 ft. (1.22 m)
Plug Non-Canadian: Canadian:	NEMA 6-15P NEMA 6-20P	NEMA 6-15P NEMA 6-20P
Electrical	208V, 1 Ph, 50-60 Hz, 2 Pole, 3 Wire	240V, 1 Ph, 50-60 Hz, 2 Pole, 3 Wire
Total Wattage	2700 Watts	2900 Watts
Total Amperage	13.0 Amp	12.0 Amp
Main Panel Circuit Breaker	20 Amp	20 Amp
Pre-heat Time	20 Minutes	20 Minutes
Production Capacity	400 Bagels/Hour	400 Bagels/Hour
First Bagel Delivery Time	35 Seconds	35 Seconds

NOTES:

SECTION 2
INSTALLATION

A. Inspect for Shipping Damage

All shipping containers should be examined for damage before and during unloading. This equipment was carefully inspected and packaged at the factory. The freight carrier has assumed responsibility for its safe transit and delivery. If equipment is received in damaged condition, either apparent or concealed, a claim must be made with the delivering carrier.

1. Apparent Damage or Loss - If damage or loss is apparent it must be noted on the freight bill or express receipt at the time of delivery, and it must be signed by the carrier's agent (driver). If this is not done, the carrier may refuse the claim. The carrier will supply the necessary claim forms.

2. Concealed Damage or Loss - If damage or loss is NOT apparent until after equipment is unpacked, a request for inspection of concealed damage must be made with carrier within 15 days. The carrier will make an inspection and will supply necessary claim forms. Be certain to retain all contents plus external and internal packaging materials for inspection.

B. Unpacking Toaster

1. Remove staples from carton.

2. Lift out foam packing and poly bag from around toaster.

3. Carefully lift toaster out of carton.

4. Remove all loose parts and the information packet from the carton. Be sure all loose parts are removed from the bottom of the carton.

5. Remove the toaster from the carton and remove any parts or packing materials from inside the toaster chamber. Check for any damage to the unit or the loose parts.

6. Install the 4" legs shown in Figure 2-1 and place conveyor toaster in desired location.

7. Install the return crumb tray by positioning the brackets on the side of the tray against the front legs of the toaster as shown in Figure 2-1.

8. Install the entry rack, slide-out crumb tray and exit rack as shown in Figure 2-1.

CAUTION:

Before making any electrical connection be sure the main electrical supply source is turned "OFF".

C. Electrical Connection

The Model TB208, TB240, TW208 & TW240 toasters are factory equipped with cord and plug.

Refer to Specification Chart in Section 1 for plug specifications.

D. Checking the Installation

1. Turn main electrical supply source "ON".

2. Push Power ON/OFF Switch "ON".

3. Check that conveyor is moving forward into toaster.

4. Visually check that all heating elements are heating and glowing red.

5. Push Power ON/OFF Switch "OFF".

6. Visually check that all heating elements are no longer on.

7. Check that conveyor has stopped.

CAUTION

Always disconnect electrical power or unplug toaster before cleaning or performing any service.

C. Clearing Jams

Use extreme caution when removing a product jam. **CAUTION: Do not use metal tools to clear jams.** It is always better to wait for toaster to cool, if time permits, before removing jammed product. Unplug toaster before clearing a jam. **WARNING:** When clearing jams use caution to not damage elements.

CAUTION

DO NOT stick anything into the toasting chamber as you may damage the heating elements and cause electrical shock.

D. Warranty Service

Warranty Service MUST ONLY BE performed by an authorized Toastmaster Service Agent.

E. Daily Cleaning (Refer to Figure 3-1)

CAUTION

Always disconnect electrical power or unplug toaster and allow to cool before cleaning or performing any service.

1. **Conveyor**

With the conveyor running use a brush and simply brush any crumbs off the conveyor and onto the crumb pan below.

2. **Turn off the toaster and disconnect electrical power or unplug toaster. Then allow toaster to cool.**

3. **Exterior**

The exterior of your toaster may be kept clean by wiping with a sponge or cloth squeezed from hot or warm detergent water. Wipe with clean, damp cloth to remove detergent and then wipe dry. DO NOT use an abrasive cleaner or abrasive pads as it will scratch and dull the finish.

4. **Crumb trays**

CAUTION:

Hot Surfaces - **DO NOT TOUCH HOT SURFACES OR REACH INTO TOASTER WHEN IT IS HOT.**

When the toaster has cooled the slide-out crumb tray and the return crumb tray should be removed and emptied daily. Remove the slide-out crumb tray by simply sliding it out of the toaster. Remove the return crumb tray by sliding it out from the front of the toaster. Wash the crumb trays with warm detergent water and rinse with clear water.

CAUTION: *Do not remove slide-out crumb tray while conveyor is moving.*

5. **Racks**

Remove entry rack and exit rack from toaster. Wash with warm detergent water and rinse with clear water.

6. **Reassemble**

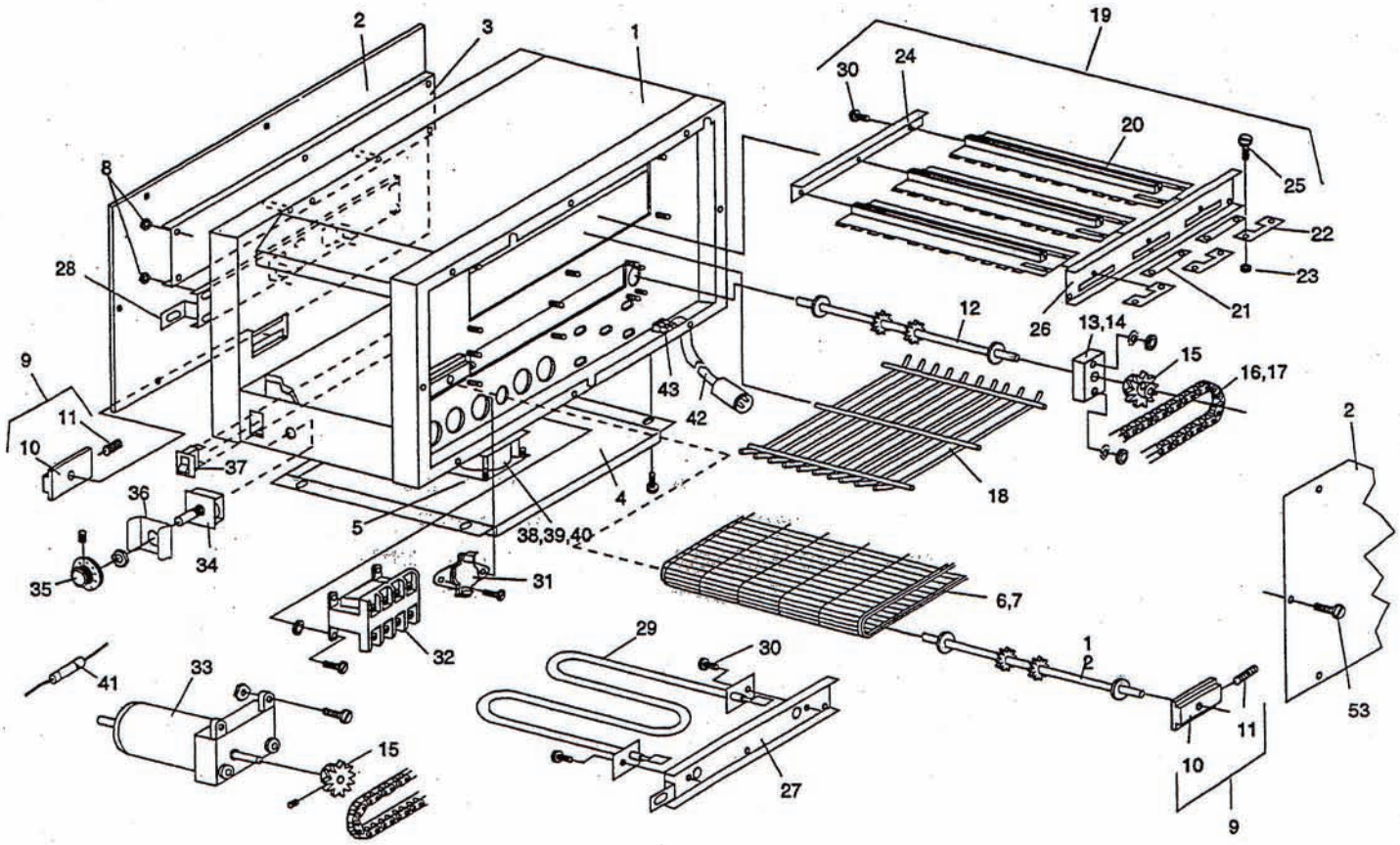
Reassemble all parts onto oven.

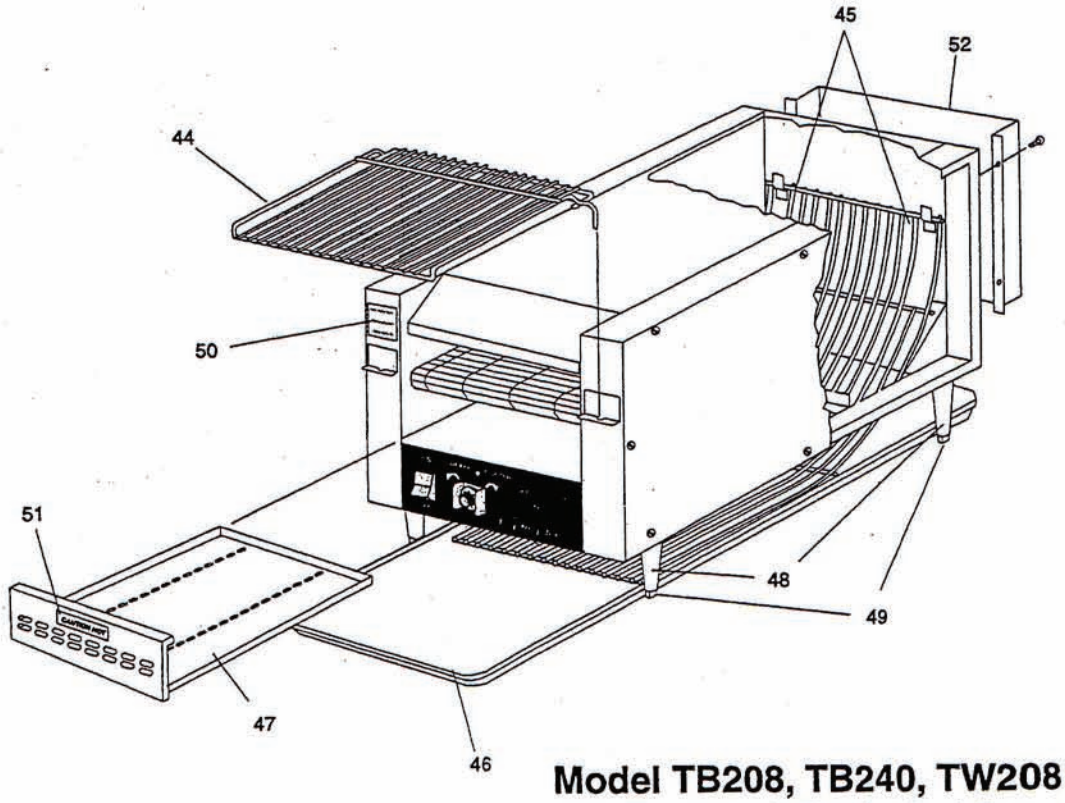
CAUTION

DO NOT use excessive water or submerge toaster in water. Electrical problems will occur.

SECTION 4
PARTS LIST

Order parts by calling your local authorized Toastmaster Parts Distributor. They have a complete inventory of parts for all Toastmaster equipment.





Model TB208, TB240, TW208 & TW240
Overall Exploded Drawing
Figure 4-1

MODEL TB208, TB240, TW208 & TW240 OVERALL EXPLODED DRAWING PARTS LIST

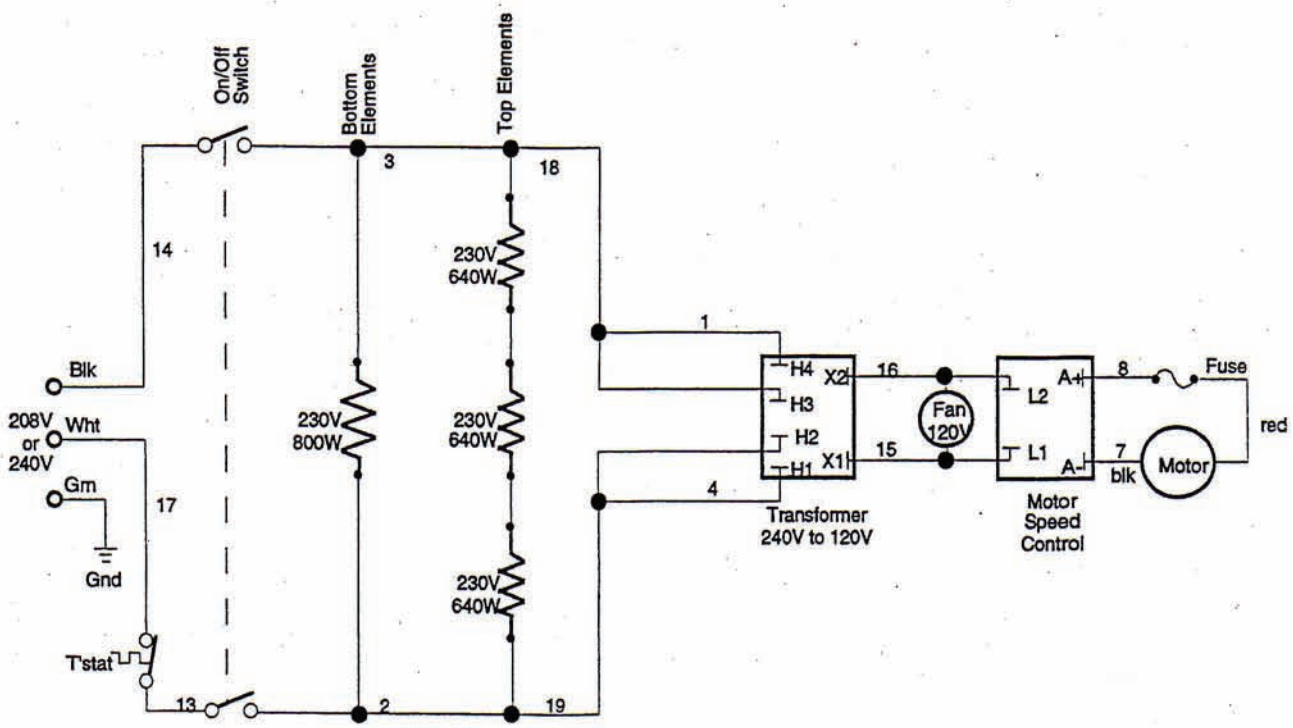
ITEM #	QTY	PART NO.	DESCRIPTION
1	1	*7610842 NLA*	TOP PANEL WELDMENT
2	2	*7008168 NLA*	SIDE PANEL
3	1	*30051 NLA*	PANEL, TOP HEATER SUPPORT (TB208 & TB240 ONLY)
		31730 NLA	PANEL, TOP HEATER SUPPORT (TW208 & TW240 ONLY)
4	1	*7008170 NLA*	BOTTOM PANEL
5	1	*27470-0004 NLA*	FAN GRILL
6	1	2B-7007044	BELTING
7	3	2B-3101215	BELT LINKS
8	4	2C-2001371	NUT, KEPS 10-32
9	1	C9-7610849	BEARINGS, FRONT ASSY
10	2	2P-7008178	BEARINGS, FRONT
11	2	2P-3103262	SPRINGS
12	1	*30063 NLA*	ROLLER WELDMENT
13	1	2A-7006963	BEARING, REAR LEFT
14	1	2P-7006964	BEARING, REAR RIGHT
15	2	2P-3103426	SPROCKETS
16	1	J6-32090	CHAIN ASSY
17	1	2C-3101212	MASTER LINK
18	1	*30247 NLA*	RACK, ELEMENT GUARD
19	1	2N-31228	TOP HEATING ELEMENT ASSY 208V (TB208-TB240 ONLY)
		31229 NLA	TOP HEATING ELEMENT ASSY 240V (TB208-TB240 ONLY)
		2N-31729	TOP HEATING ELEMENT ASSY 208V (TW208-TW240 ONLY)
		31732 NLA	TOP HEATING ELEMENT ASSY 240V (TB208-TB240 ONLY)
20	3	*7610847 NLA*	TOP HEATING ELEMENT 208V
		30101 NLA	TOP HEATING ELEMENT 240V
21	2	*30340 NLA*	BUS BAR
22	3	*3102634 NLA*	STRIP, MICA REAR
23	9	2C-2001327	NUT KEPS 6-32
24	1	*7008183 NLA*	ELEMENT SUPPORT BRACKET
25	4	2C-2000023	SCREW, 6-32 X 14, SLT HEX
26	2	*31177 NLA*	PANEL, TOP HEATER SUPPORT (TB208 & TB240 ONLY)
		31735 NLA	PANEL, TOP HEATER SUPPORT (TB208 & TB240 ONLY)
27	1	*30209 NLA*	BTM HEATER SUPPORT, RIGHT
28	1	*30054 NLA*	BTM HEATER SUPPORT, LEFT
29	1	*30057 NLA*	BTM HEATING ELEMENT 208V
		30104 NLA	BTM HEATING ELEMENT 240V
30	26	*3B20A8801 NLA*	SCREW WASH HEX HD 8-32 X 3/8"
31	1	*30519 NLA*	THERMAL SNAP DISC
32	1	*30697 NLA*	TRANSFORMER
33	1	*3002757 NLA*	MOTOR
34	1	2E-3002808	SPEED CONTROLLER
35	1	2R-30076	SPEED CONTROLLER KNOB
36	1	*30069 NLA*	SPEED CONTROLLER GUARD
37	1	2E-3003828	ON/OFF SWITCH

MODEL TB208, TB240, TW208 & TW240 OVERALL EXPLODED DRAWING PARTS LIST

ITEM #	QTY	PART NO.	DESCRIPTION
38	1	2J-27392-0002	FAN
39	1	2J-27159-0020	CORD SET, COOLING FAN
40	4	*21226-0007 NLA*	SCREW FAN MOUNTING
41	1	2E-3001226	FUSE
42	1	*30931 NLA*	CORDAND PLUG ASSY, 15 AMP (NON-CANADIAN)
		32060 NLA	CORDAND PLUG ASSY, 20 AMP (CANADIAN)
43	1	2E-33406	TERMINAL BLOCK
44	1	*30955 NLA*	ENTRY RACK
45	1	L3-7609868	EXIT RACK
46	1	*3102532 NLA*	RETURN CRUMB TRAY
47	1	*761845 NLA*	SLIDE IN CRUMB TRAY
48	4	2R-1523B8301	LEGS, 4" BLACK PLASTIC
49	4	*31253 NLA*	CAP LEG NON SKID
50	1	*30861*	LABEL
51	1	2M-321049	LABEL, CAUTION HOT
52	1	*31616 NLA*	PANEL REAR
NOT SHOWN	1	*30864 NLA*	WIRE HARNESS
	1	*7005957 NLA*	NAMEPLATE
	4	2C-3101254	INSULATION CLIPS
	1	*30854 NLA*	TB208, TB240, TW208 & TW240 OWNERS MANUAL
	1	*30844 NLA*	WARNING LABEL

NOTES:

SECTION 5
SCHEMATICS



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